

Package: crc32cExample (via r-universe)

May 31, 2026

Type Package

Title Example Package Using Exported 'crc32c' Functions

Version 0.0.1

Date 2025-09-29

Description The 'crc32c' package exposes a C-level API allowing other packages to use the functions it exposed. This packages provides a simple example of how. (The 'zigg' package has more extended examples of using the function it exposes in four different ways.)

URL <https://github.com/eddelbuettel/crc32cExample>

BugReports <https://github.com/eddelbuettel/crc32cExample/issues>

License GPL (>= 2)

Imports Rcpp (>= 1.1.0), crc32c

LinkingTo Rcpp, crc32c

RoxygenNote 6.0.1

Repository <https://eddelbuettel.r-universe.dev>

Date/Publication 2026-04-01 02:16:16 UTC

RemoteUrl <https://github.com/eddelbuettel/crc32c-example>

RemoteRef HEAD

RemoteSha 8d86bf667557c259600bf96c6832931d216d736f

Contents

crc32cExample-package	2
crc32cdemo	2

Index	4
--------------	----------

crc32cExample-package *Example Package Using Exported 'crc32c' Functions*

Description

The 'crc32c' package exposes a C-level API allowing other packages to use the functions it exposed. This packages provides a simple example of how. (The 'zigg' package has more extended examples of using the function it exposes in four different ways.)

Package Content

Index: This package was not yet installed at build time.

Maintainer

Dirk Eddelbuettel <edd@debian.org>

Author(s)

Dirk Eddelbuettel [aut, cre]

crc32cdemo *Demo of calling 'crc32c' functions*

Description

The 'crc32c' website has command-line demo showing how to call the library. This function crc32cdemo exposes the same functionality, but relying on R package 'crc32c' to provide the object code. The two other functions provide checksum calculation examples.

Usage

```
crc32cdemo()
```

```
crc32c_string(s)
```

```
crc32c_raw(x)
```

Arguments

s	A string
x	A raw vector

Value

The function `crc32cdemo` is called for its side effect of printing to `stdout`, and nothing is returned. The function `crc32c_raw` returns the checksum of a raw input vector.

Examples

```
s <- "The quick brown fox"  
crc32c_string(s)  
r <- sin(seq(0, pi, by = 0.01))  
rb <- writeBin(r, raw(), size = 8L)  
crc32c_raw(rb)
```

Index

* package

crc32cExample-package, [2](#)

crc32c_raw (crc32cdemo), [2](#)

crc32c_string (crc32cdemo), [2](#)

crc32cdemo, [2](#)

crc32cExample (crc32cExample-package), [2](#)

crc32cExample-package, [2](#)